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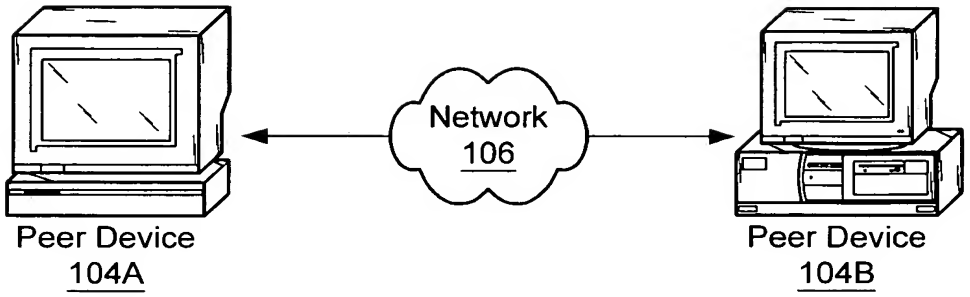

FIG. 1A

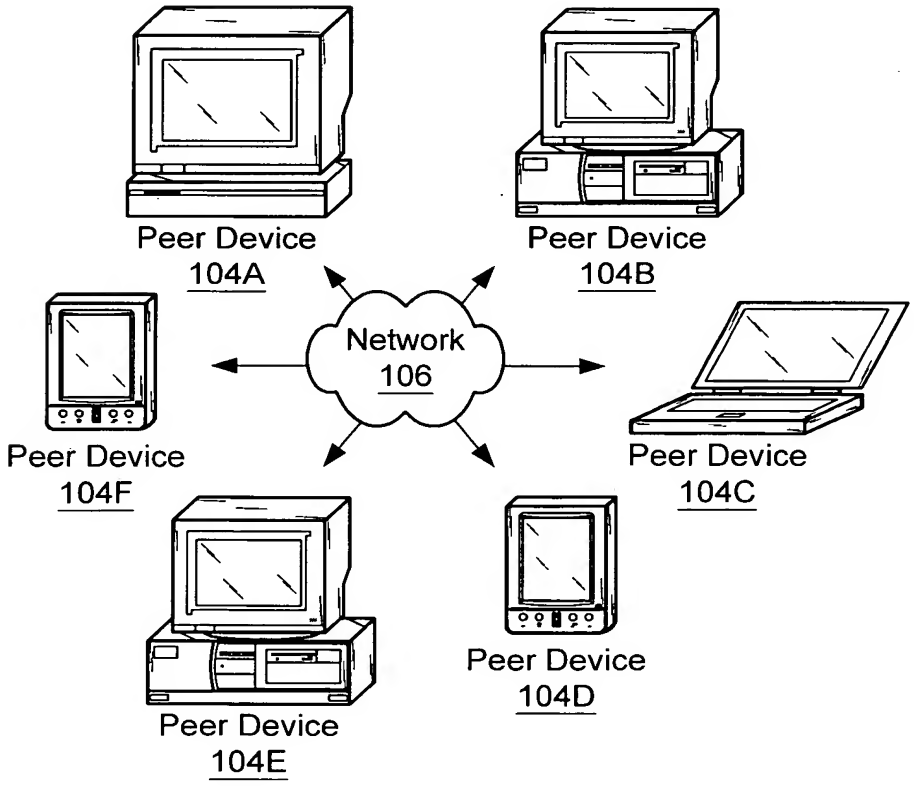

FIG. 1B

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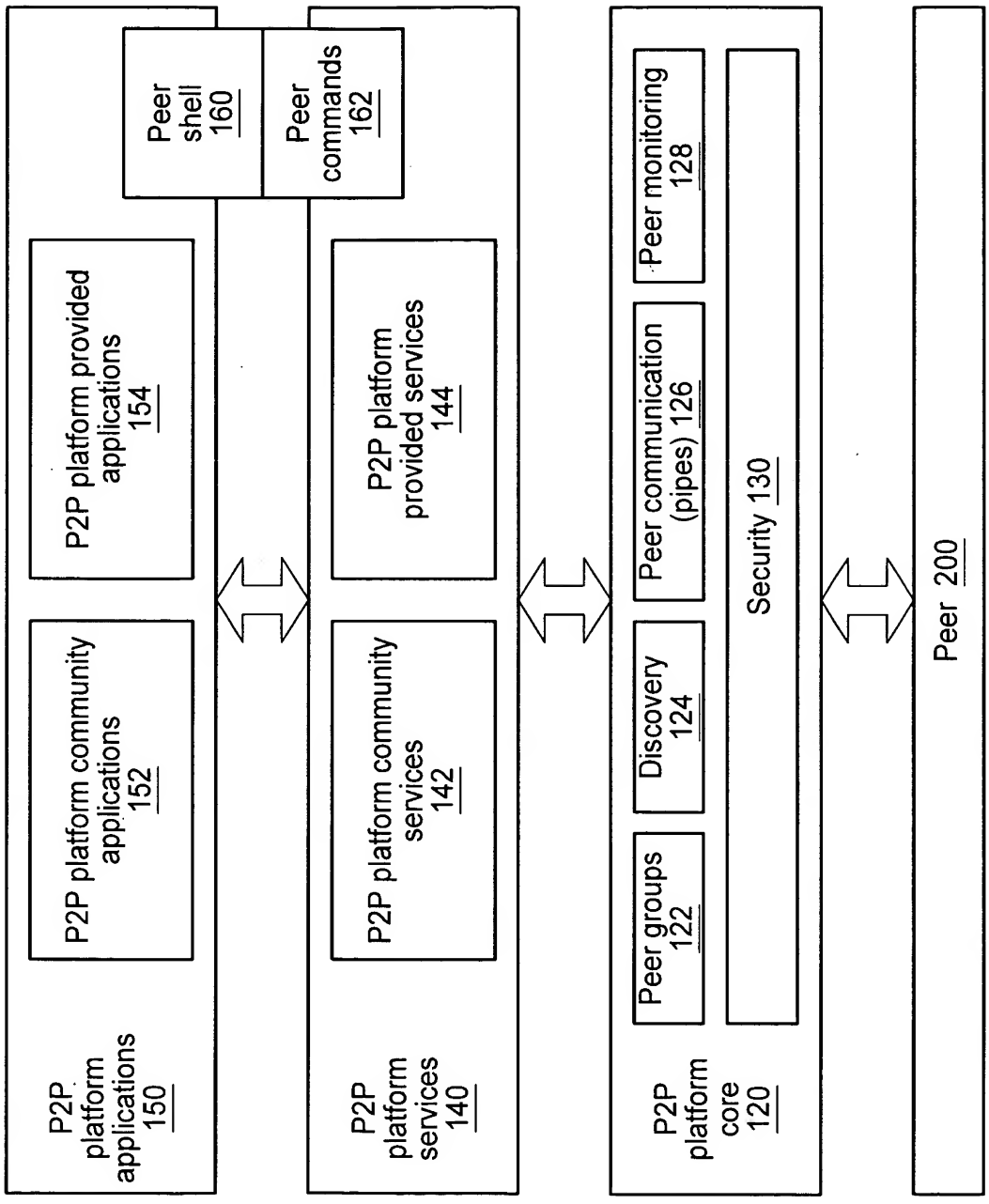

FIG. 2

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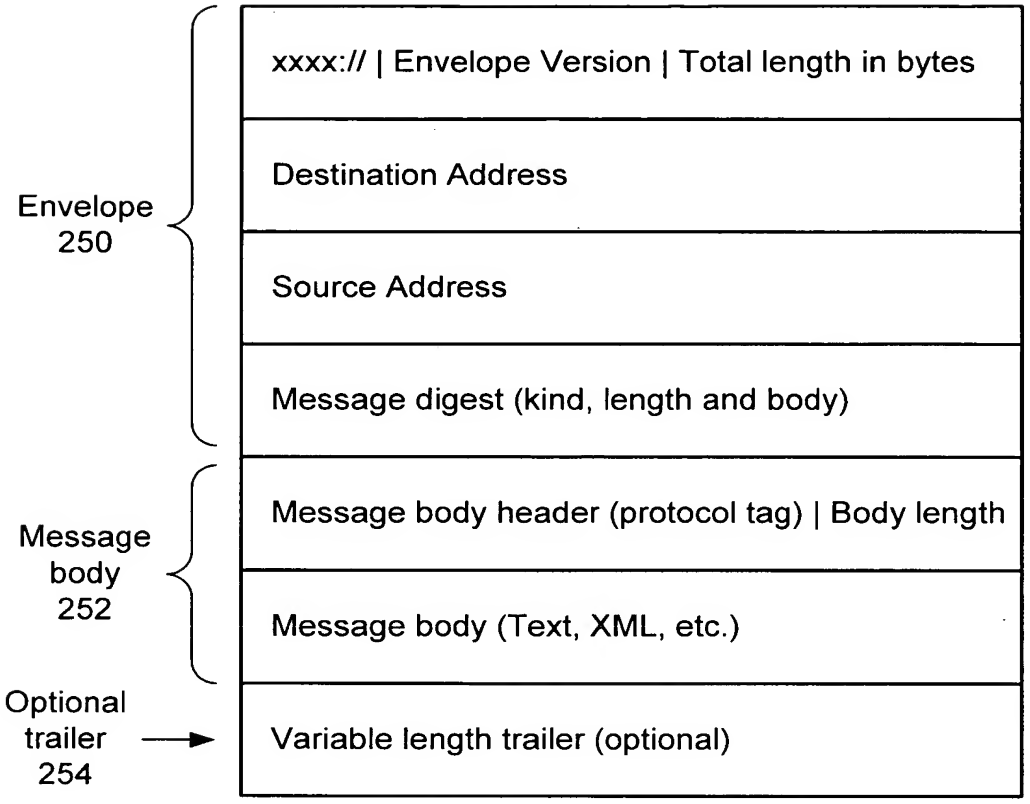

FIG. 3

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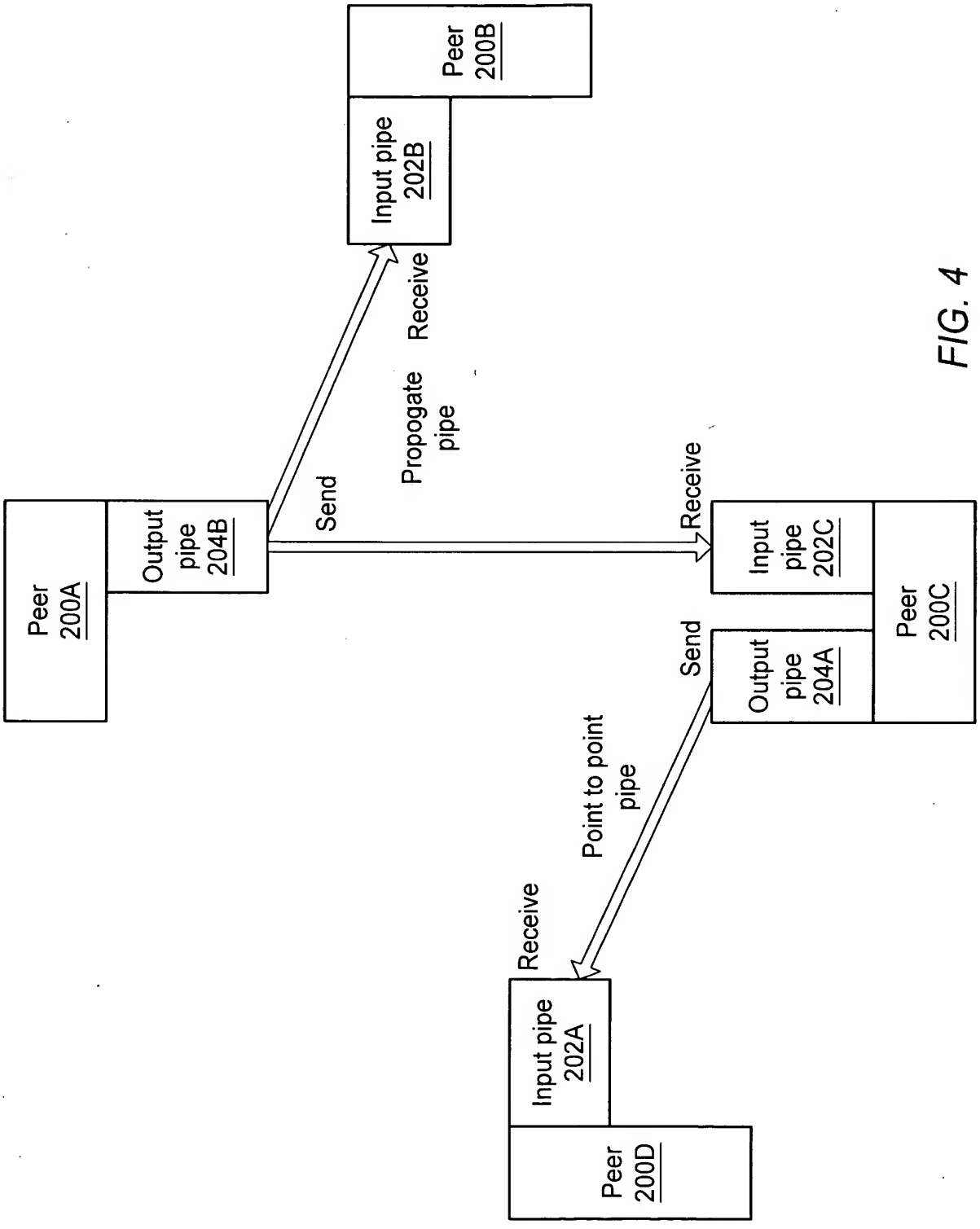

FIG. 4

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128 bit UUID of Peer Group	Length of Remainder	Unique name within the group (A byte array)

FIG. 5

Element Name (A String)	Element Value Type
Name	<String>
Keywords	<String>
Properties	<Properties>
Service	<Service Advertisement[]> (an array)
Endpoint	<Endpoint Advertisement[]> (an array)

FIG. 6

Element Name (A String)	Element Value Type
Name	<String>
Keywords	<String>
GroupID	<ID>
PeerID	<ID>
Service	<Service Advertisement[]> (an array)

FIG. 7

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Element Name (A String)	Element Value Type
Name	<String>
Identifier	<ID>
Type	<String>

FIG. 8

Element Name (A String)	Element Value Type
Name	<String>
Keywords	<String>
Identifier	<ID>
Version	<String>
Pipe	<PipeAdvertisement>
Params	<String>
URI	<String>
Provider	<String>
Access Method	<Method[]> (an array)

FIG. 9

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Element Name (A String)	Element Value Type
Mime-Type (Optional)	<String>
Size	Long
Encoding	<String>
ContentID	<ID>
RefID (Optional)	<ID>
Document	<Document>

FIG. 10

Element Name (A String)	Element Value Type
Name	<String>
Keywords	<String>
Address	<String>
Transport	<Transport Advertisement>

FIG. 11

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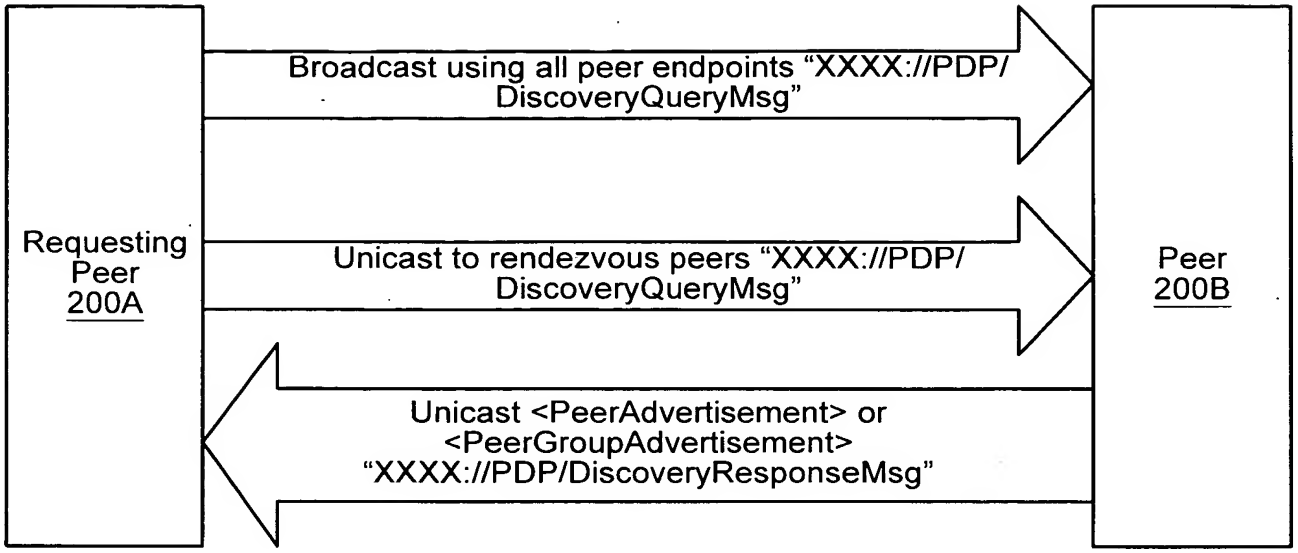

FIG. 12

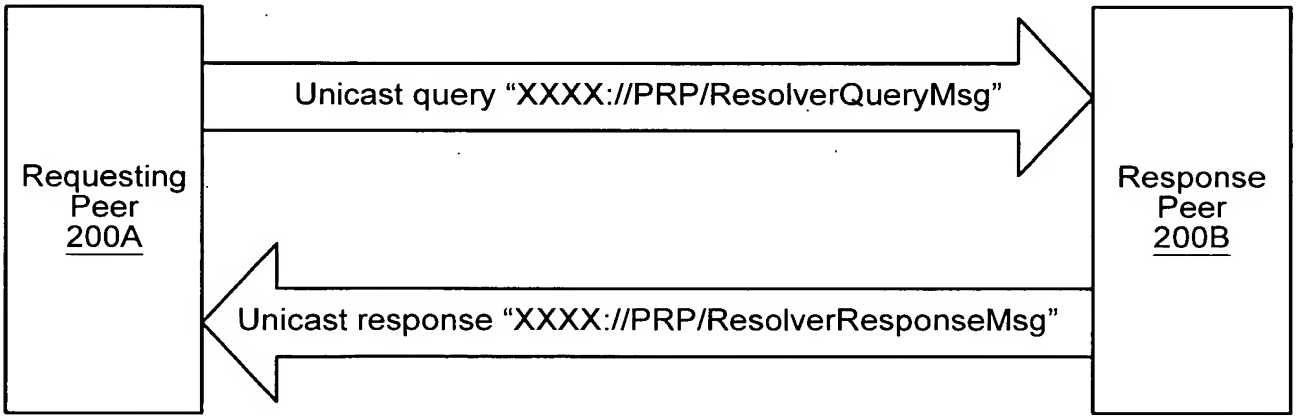

FIG. 13

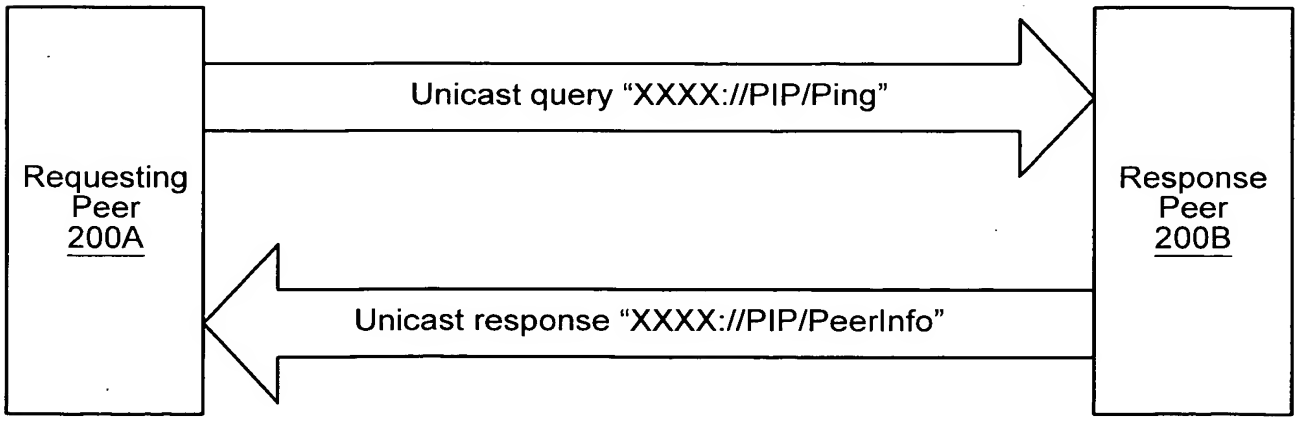

FIG. 14

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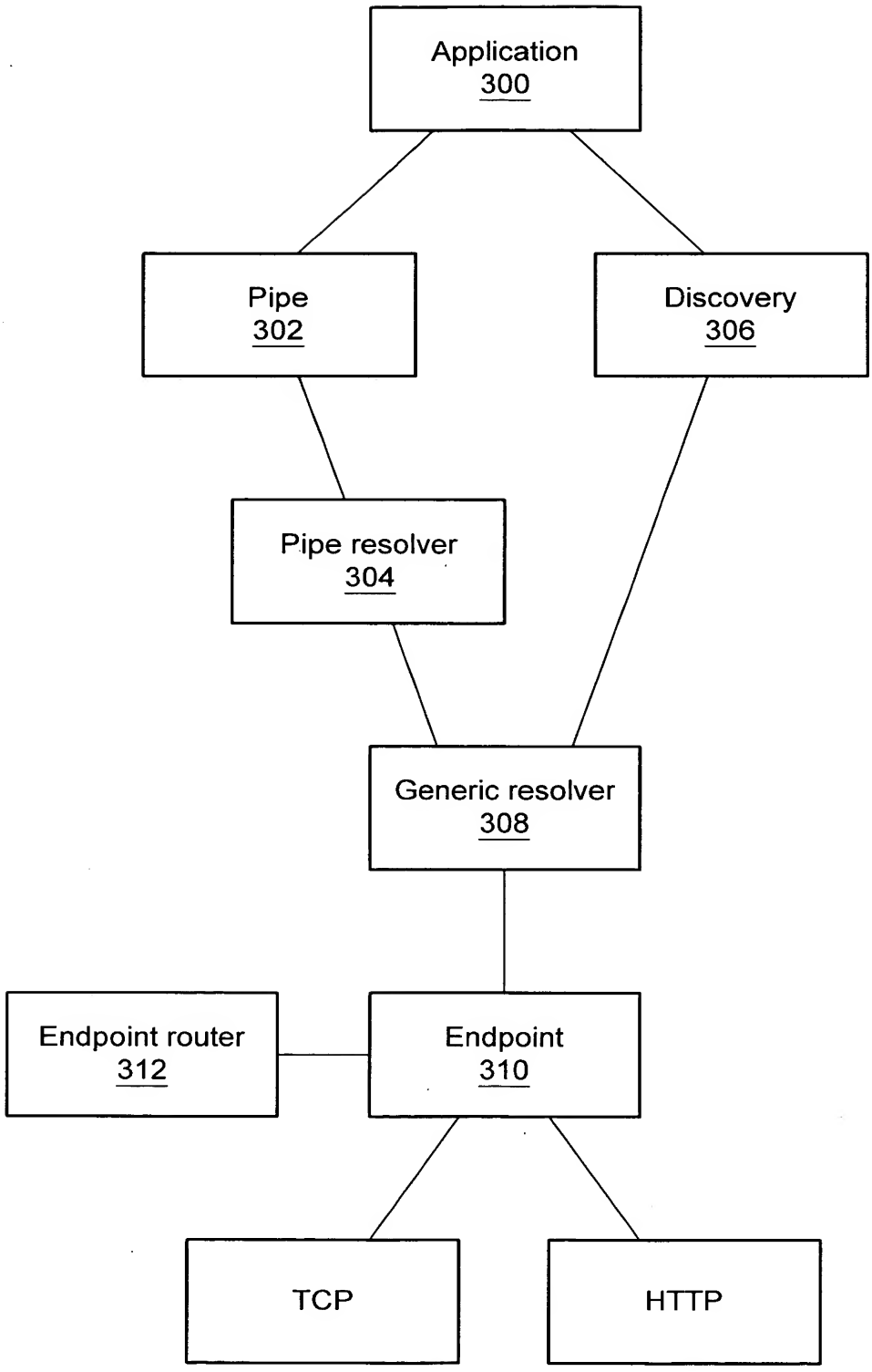

FIG. 15

OIPE JC81
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PATENT & TRADEMARK OFFICE

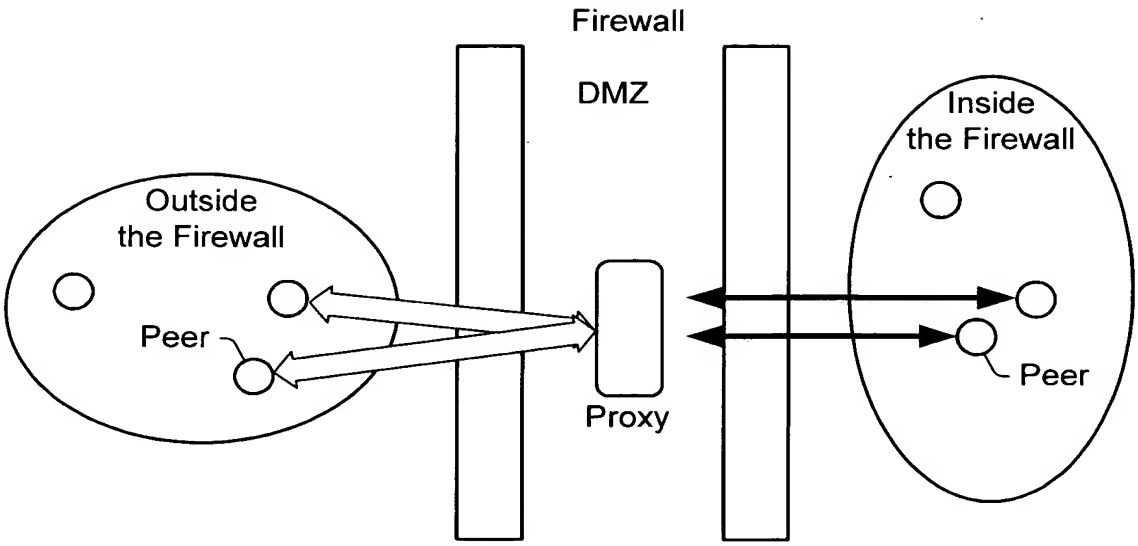

FIG. 16

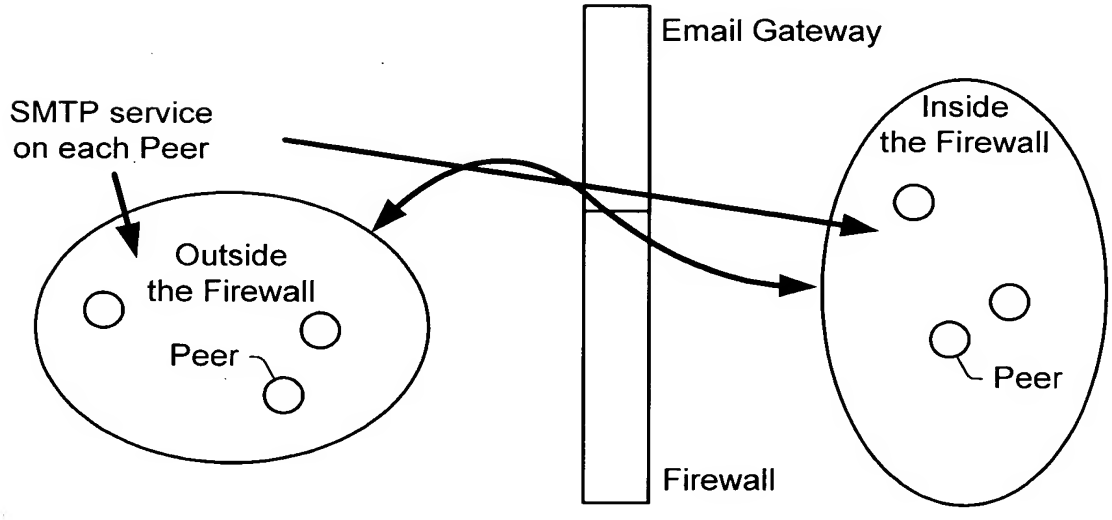

FIG. 17

OIPE JC81
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PATENT & TRADEMARK OFFICE

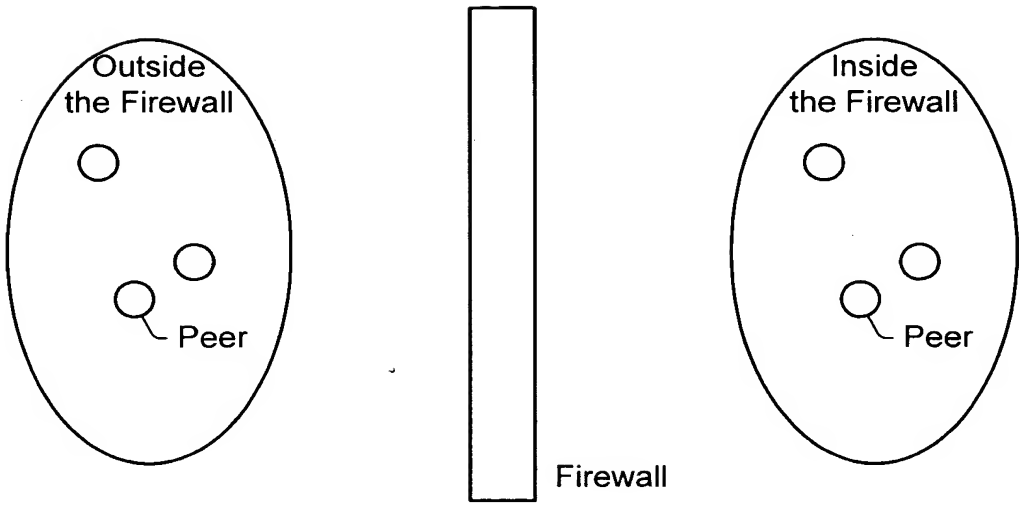

FIG. 18A

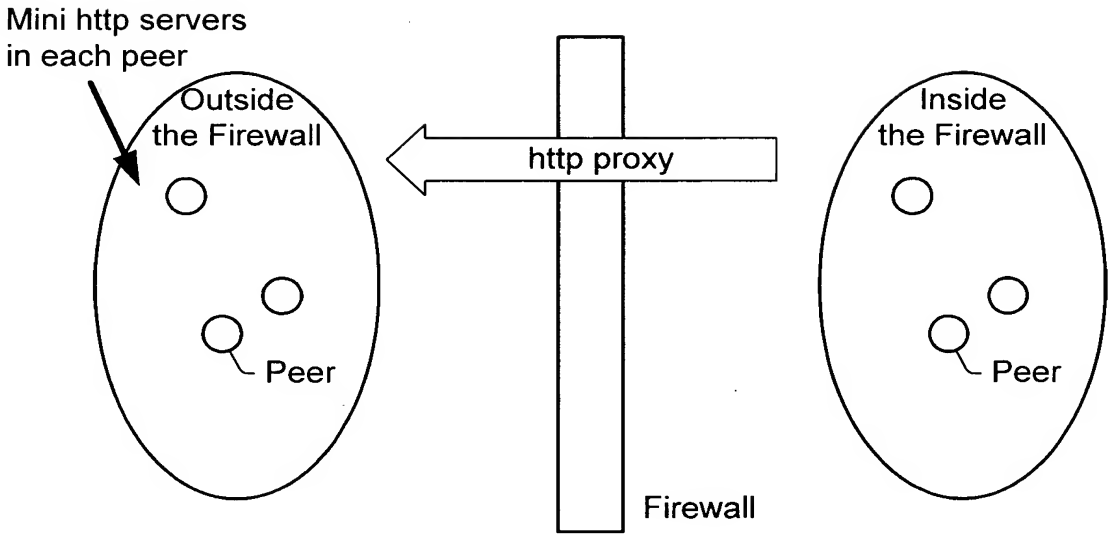

FIG. 18B

OIPE JC81
NOV 0 4 2002
PATENT & TRADEMARK OFFICE

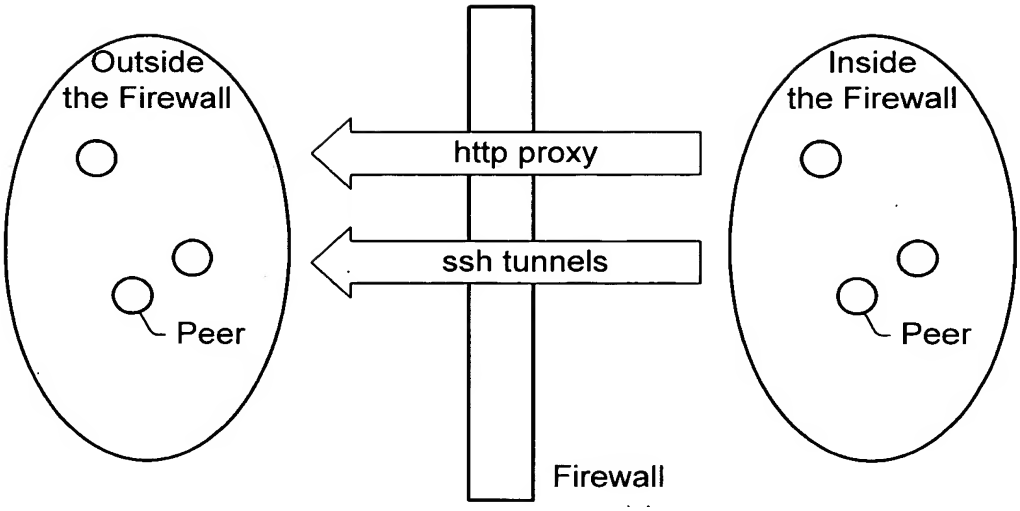

FIG. 18C

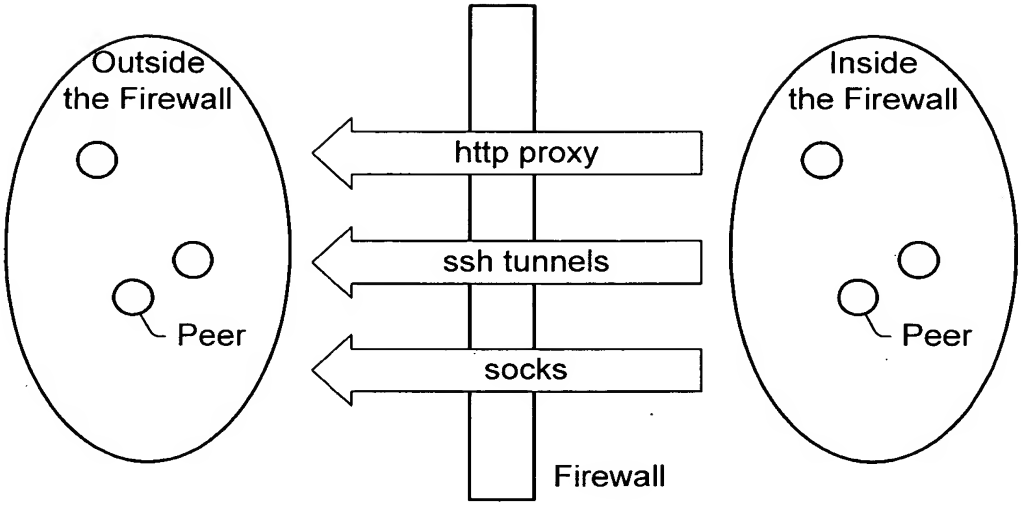

FIG. 18D

OIPE JC67
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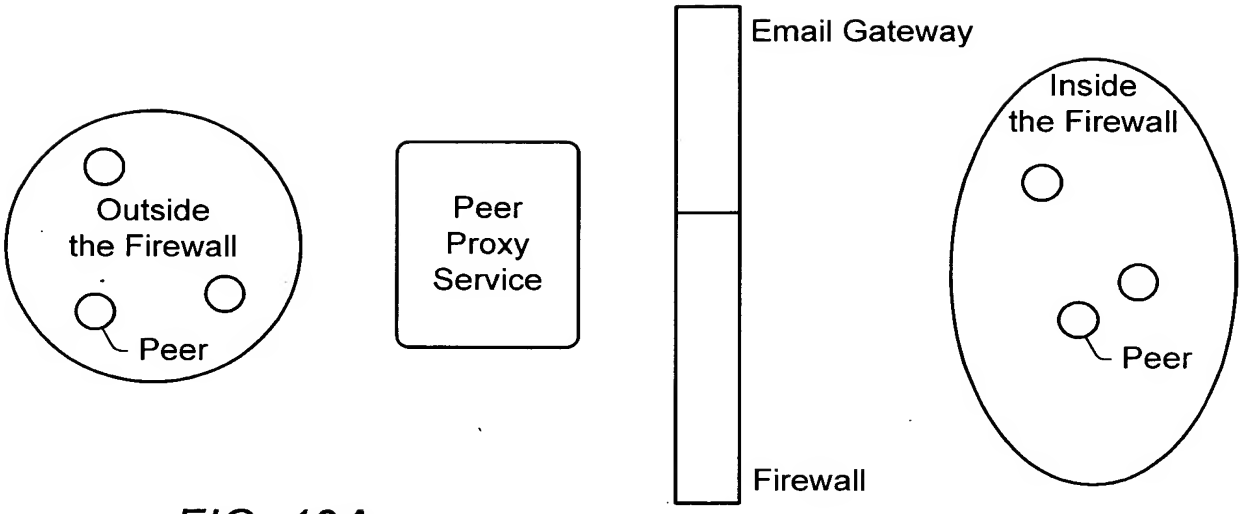

FIG. 19A

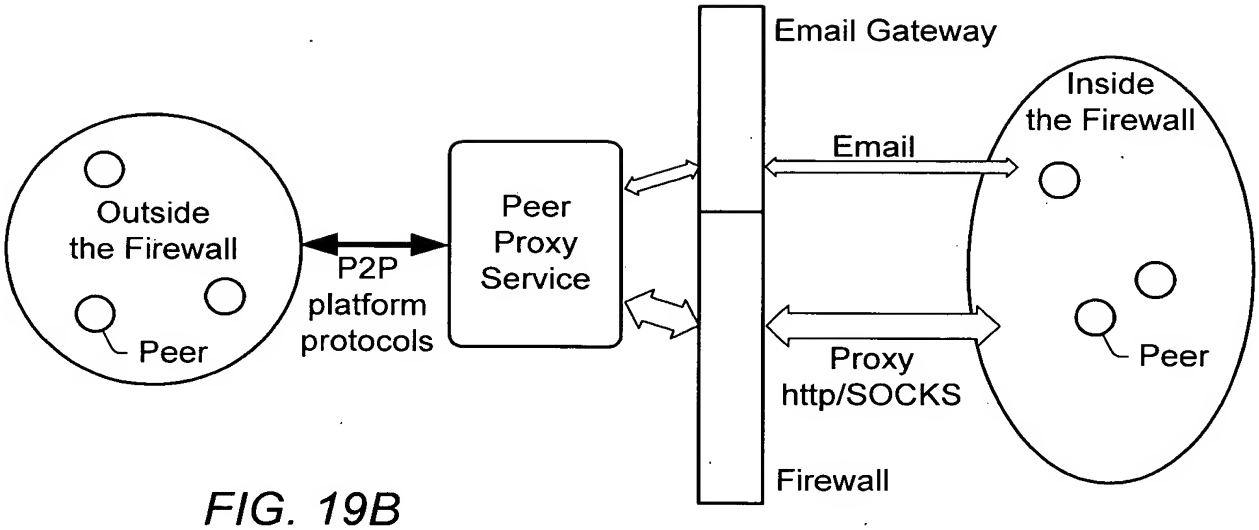

FIG. 19B

OIPE JC
NOV 0 4 2002
PATENT & TRADEMARK

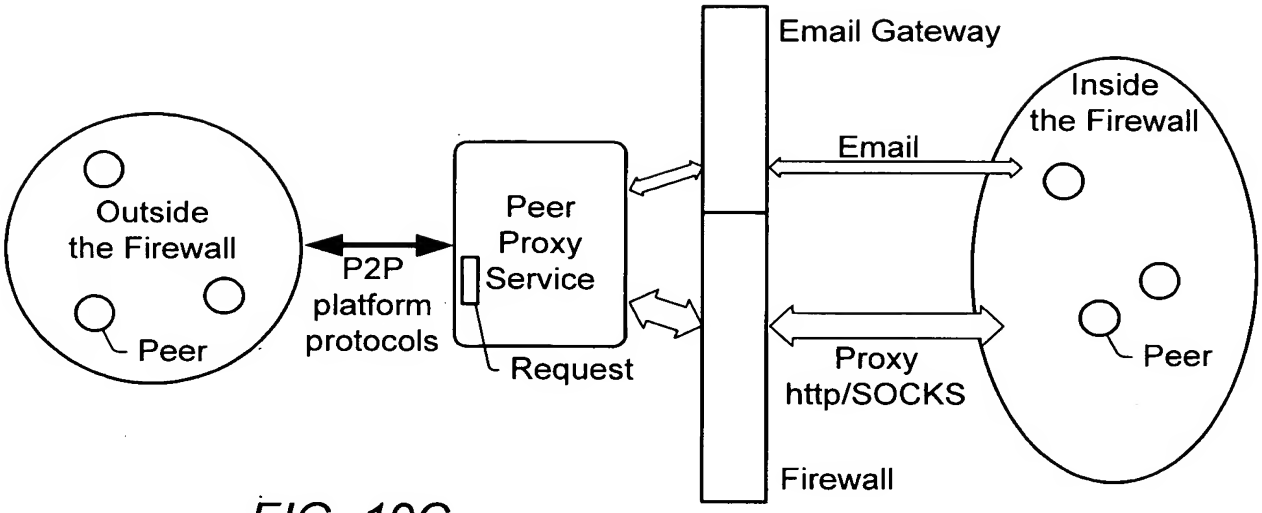

FIG. 19C

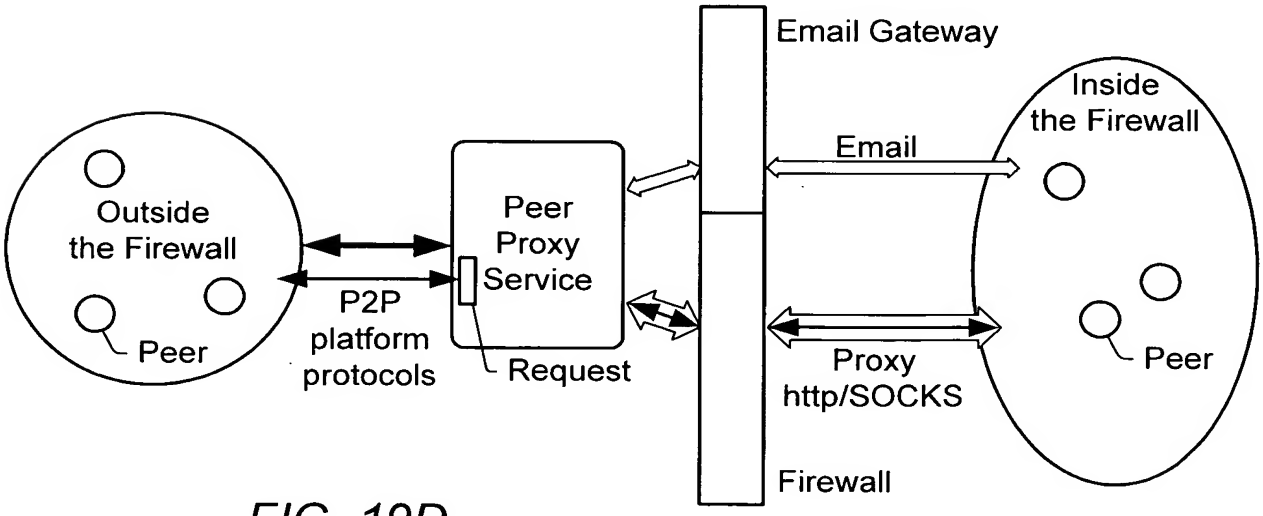

FIG. 19D

OIPE JC67
NOV 0 4 2002
PATENT & TRADEMARK OFFICE

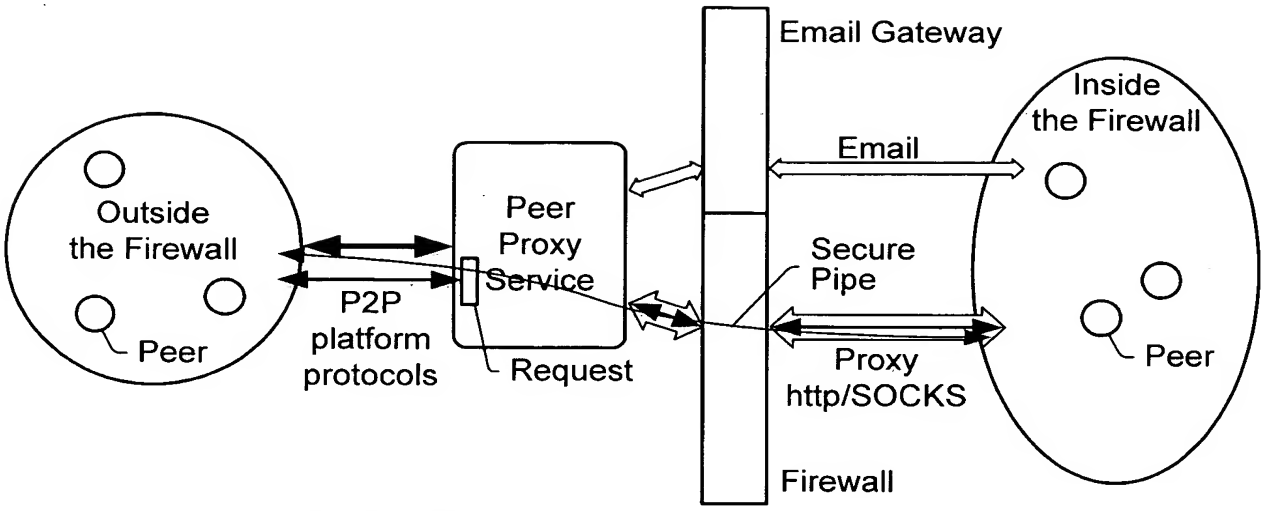

FIG. 19E

OIPE JC81
NOV 0 4 2002
PATENT & TRADEMARK OFFICE

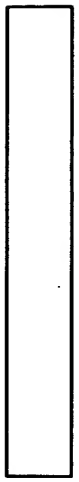

FIG. 20A

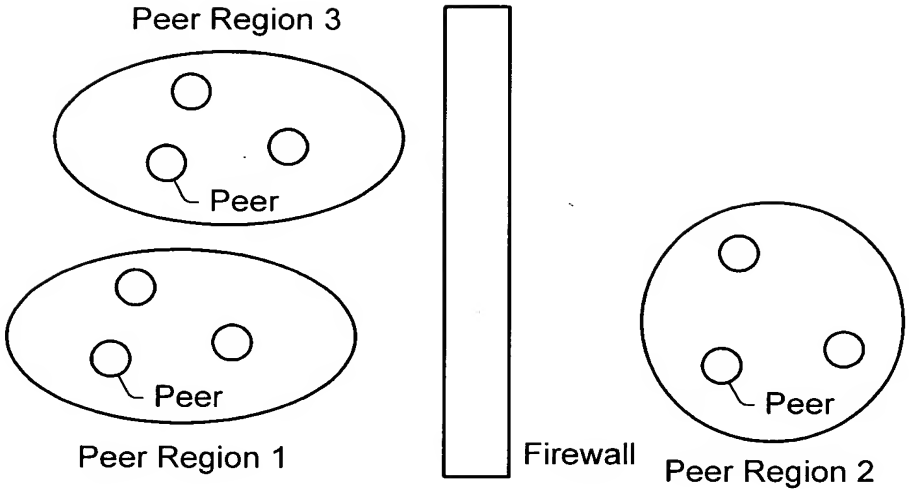

FIG. 20B

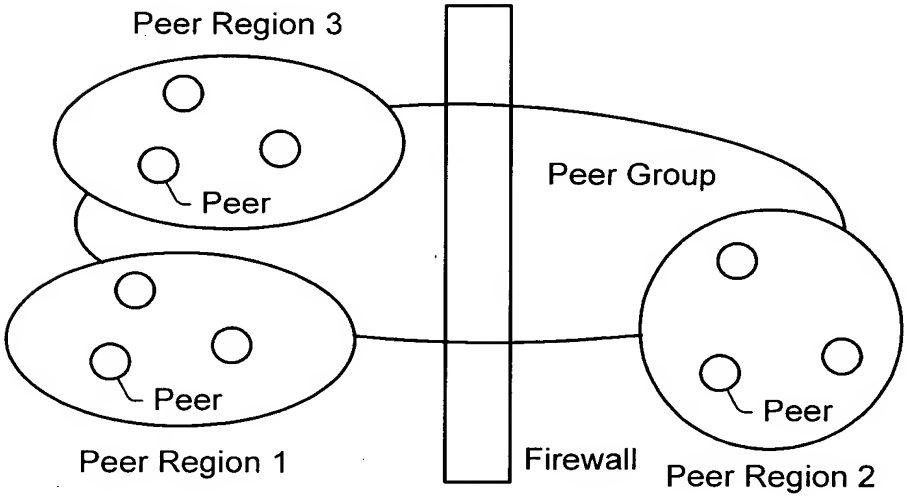

FIG. 20C

OIPE JC81
NOV 04 2002
PATENT & TRADEMARK OFFICE

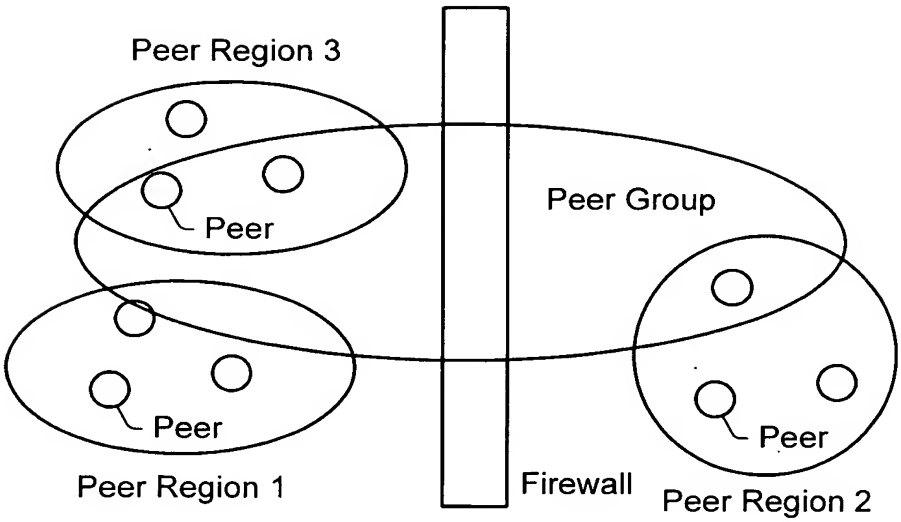

FIG. 20D

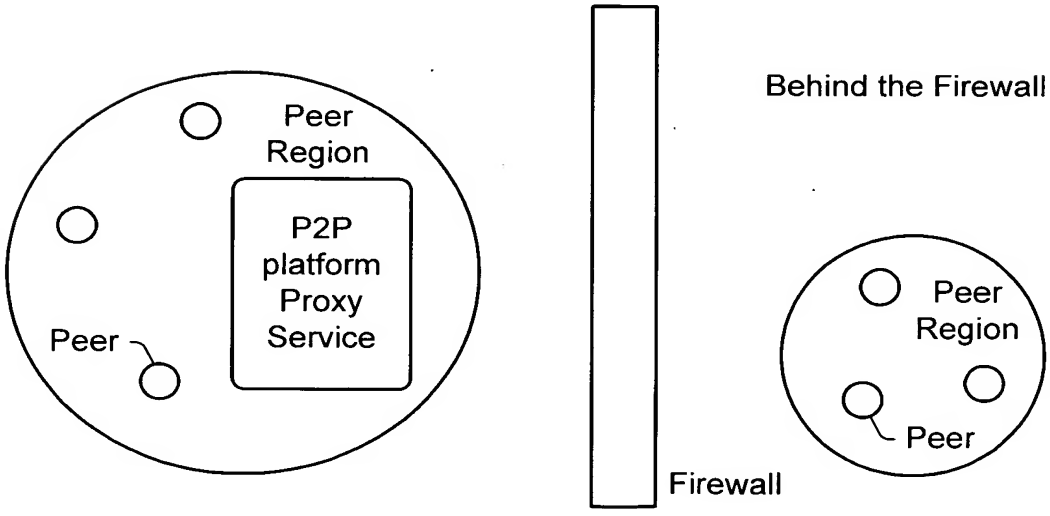

FIG. 21A

OIPE JC67
NOV 0 4 2002
PATENT & TRADEMARK

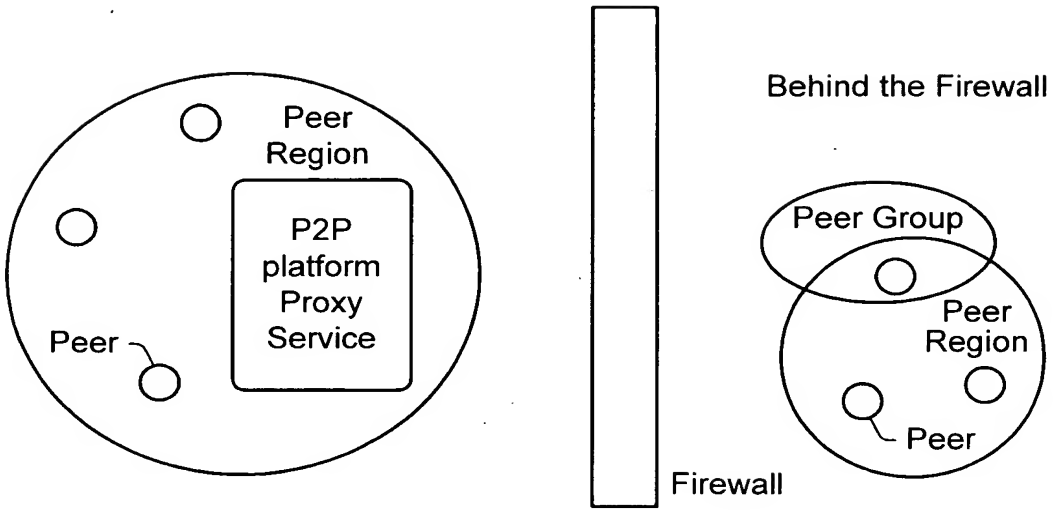

FIG. 21B

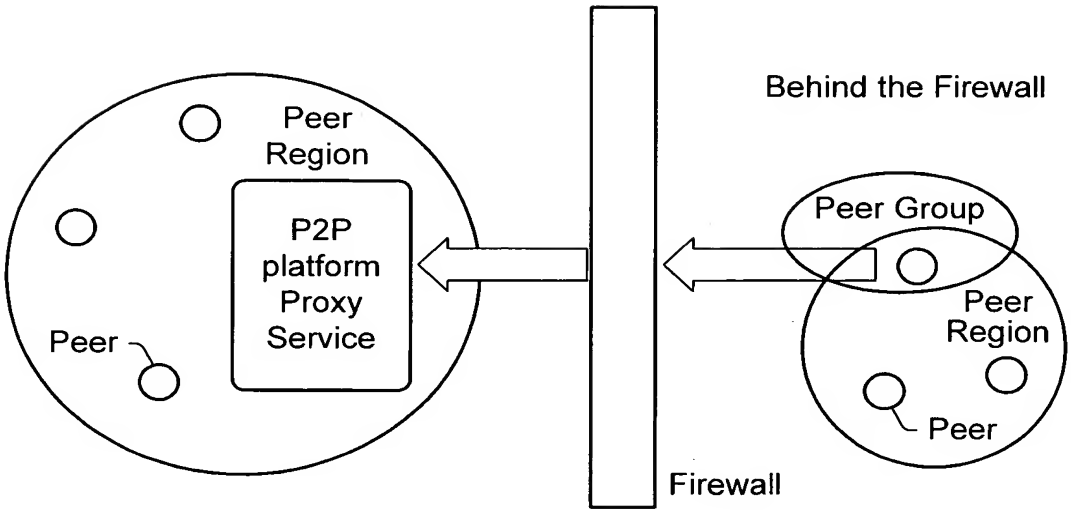

FIG. 21C

OIPE JC67
NOV 0 4 2002
PATENT & TRADEMARK OFFICE

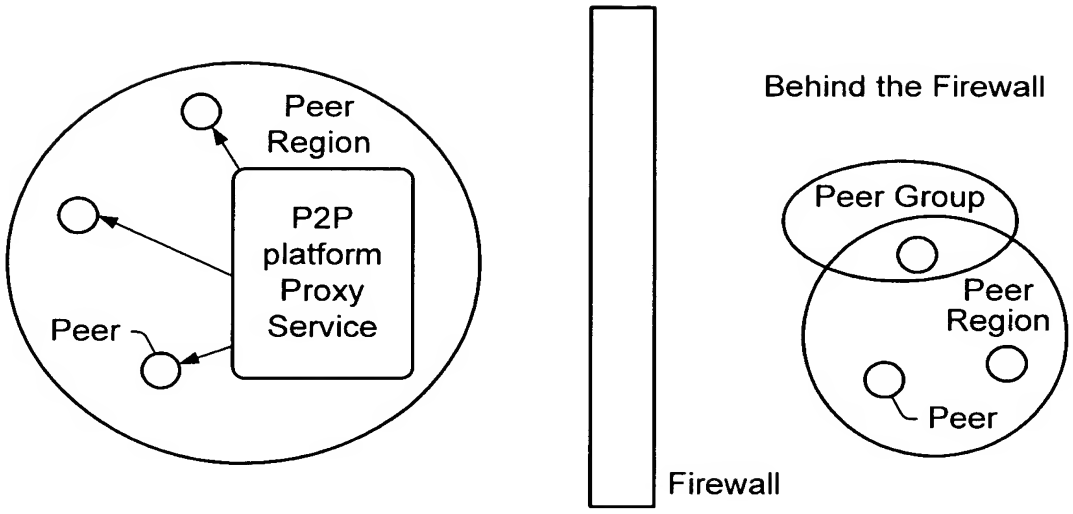

FIG. 21D

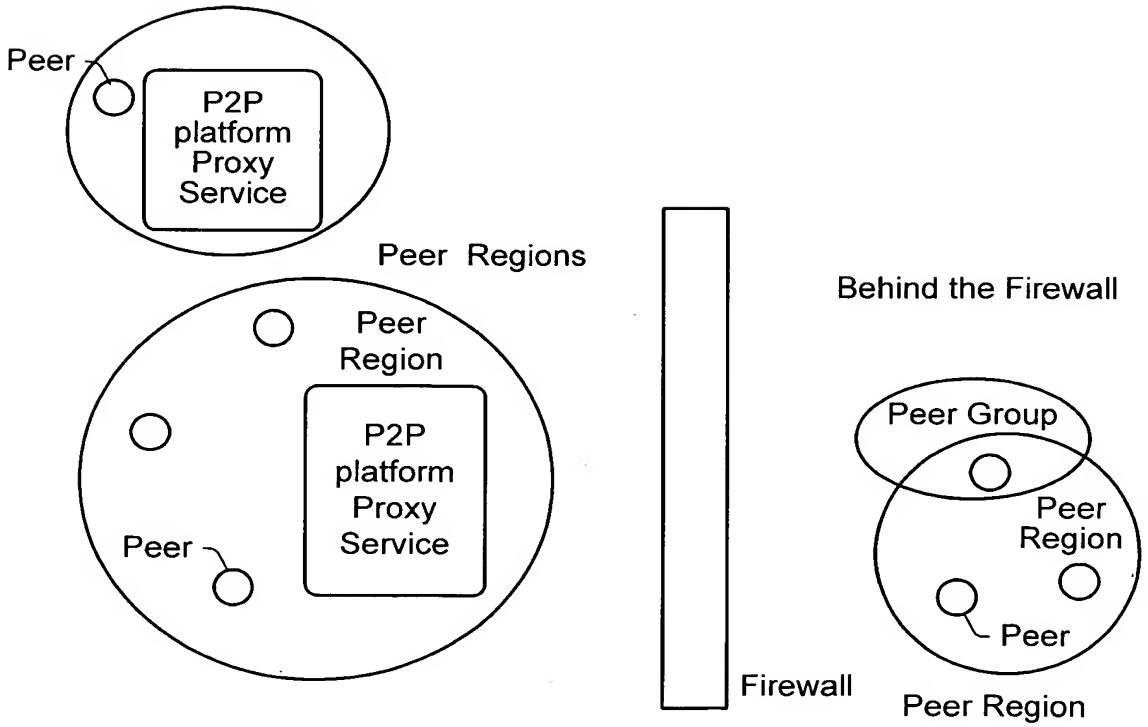

FIG. 22A

NOV 0 4 2002
PATENT & TRADEMARK OFFICE

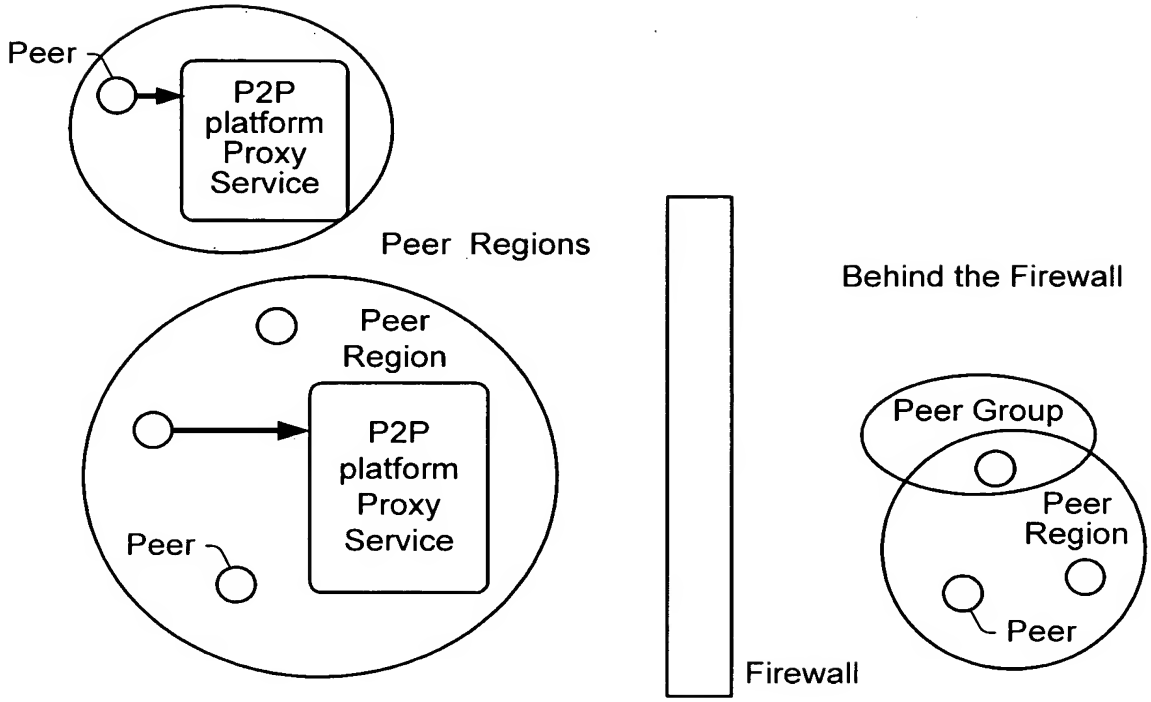

FIG. 22B

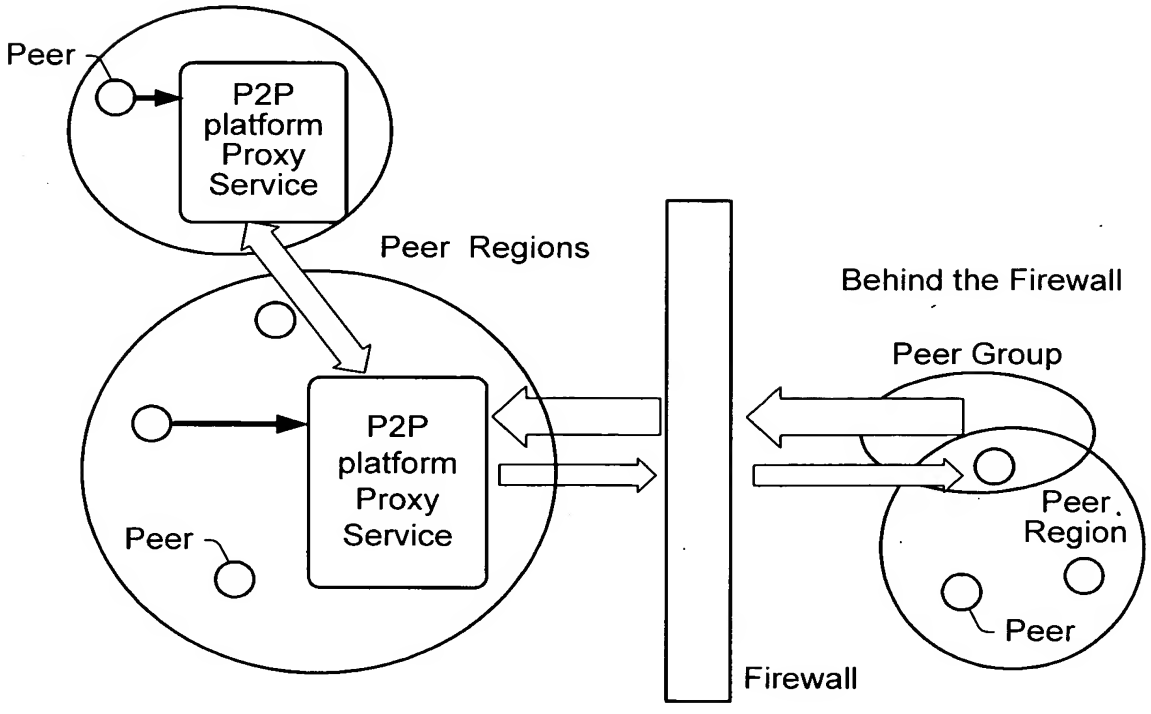

FIG. 22C

NOV 0 4 2002
PATENT & TRADEMARK

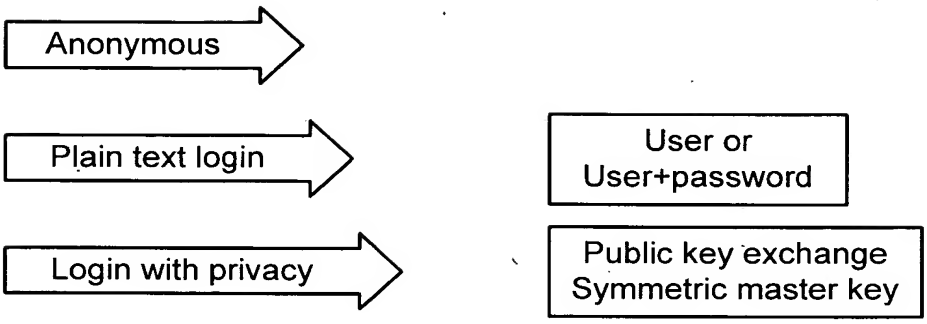

FIG. 23

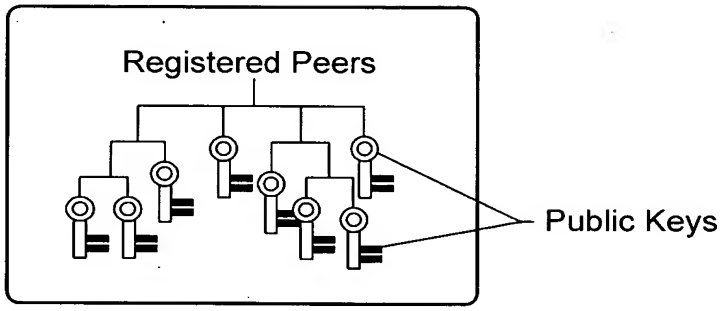

FIG. 24

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PATENT & TRADEMARK OFFICE

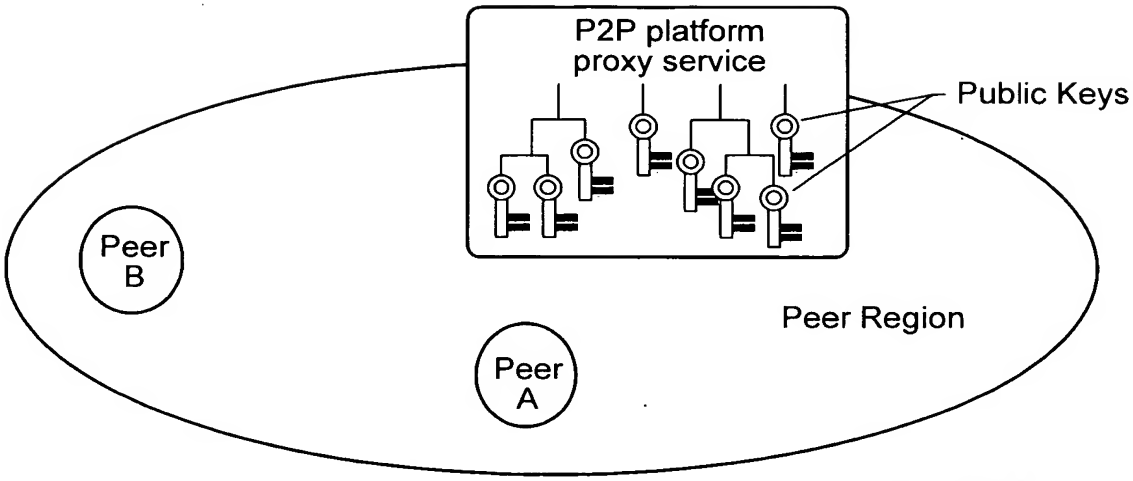

FIG. 25A

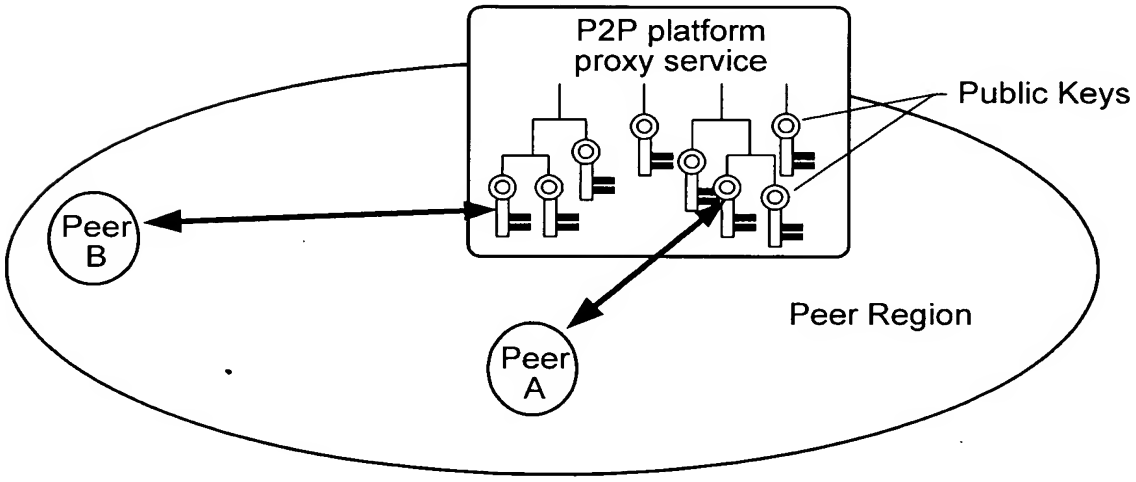

FIG. 25B

OIPE JC81
NOV 0 4 2002
PATENT & TRADEMARK OFFICE

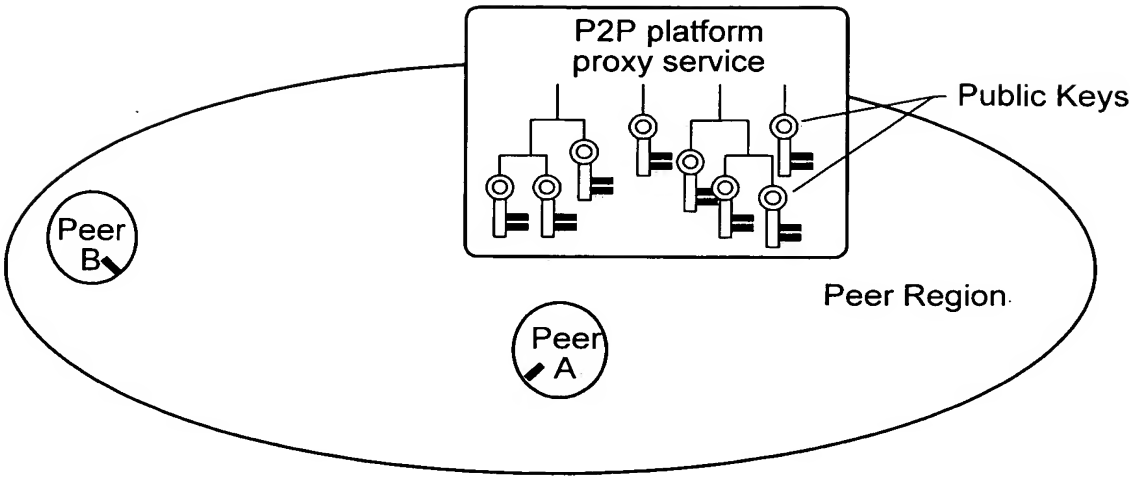

FIG. 25C

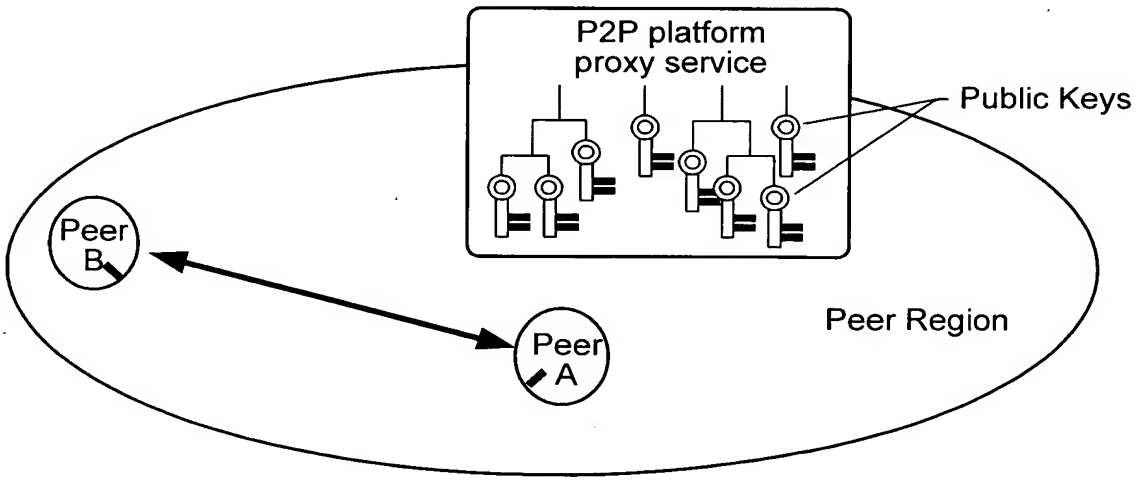

FIG. 25D

NOV 0 4 2002
PATENT & TRADEMARK

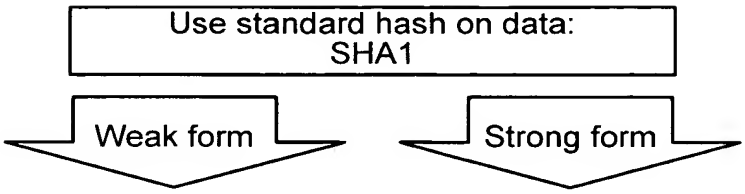

FIG. 26

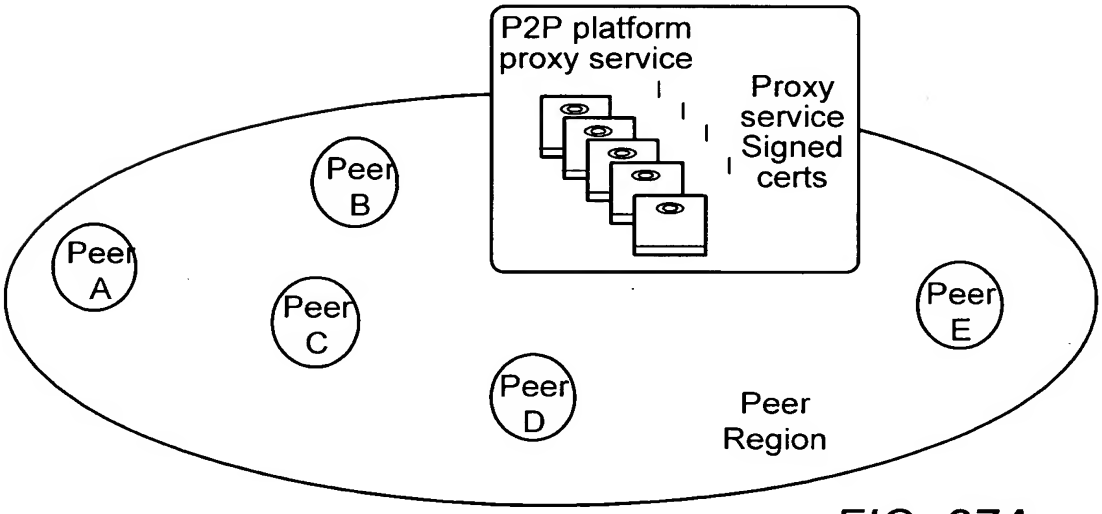

FIG. 27A

OIPE JC81
NOV 0 4 2002
PATENT & TRADEMARK OFFICE

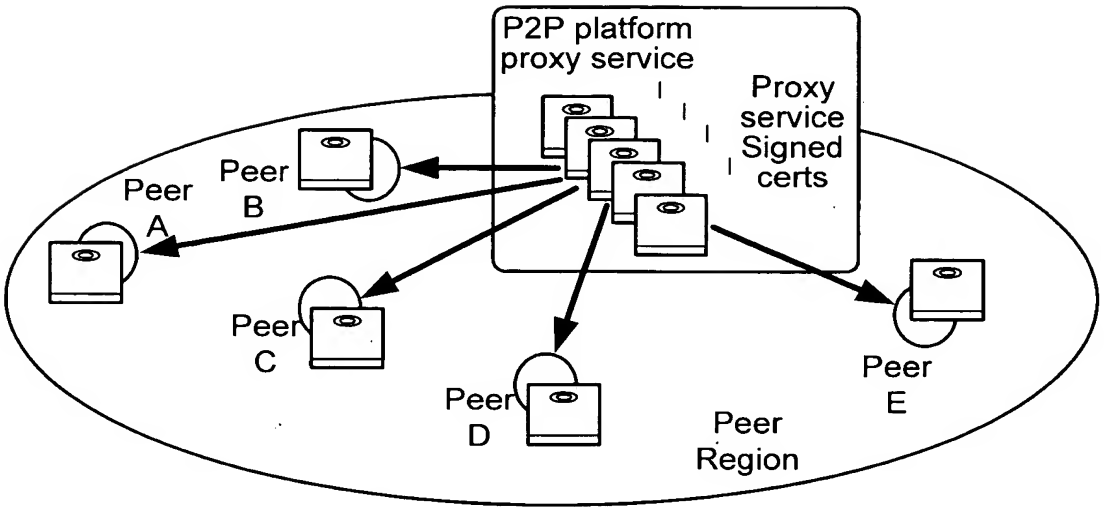

FIG. 27B

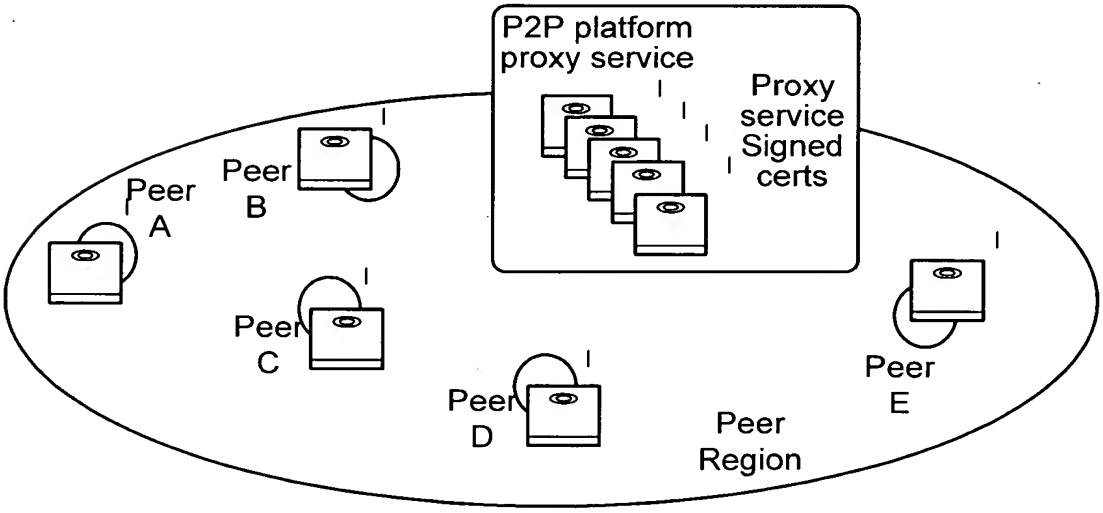

FIG. 27C

OIPE JC61
NOV 0 4 2002
PATENT & TRADEMARK OFFICE

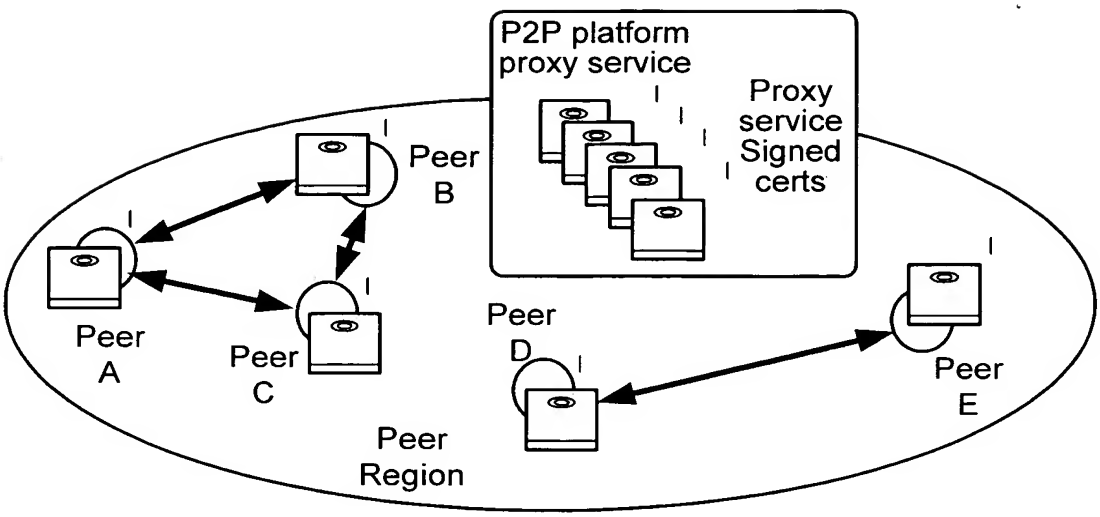

FIG. 27D

OIPE JC81
NOV 0 4 2002
PATENT & TRADEMARK OFFICE

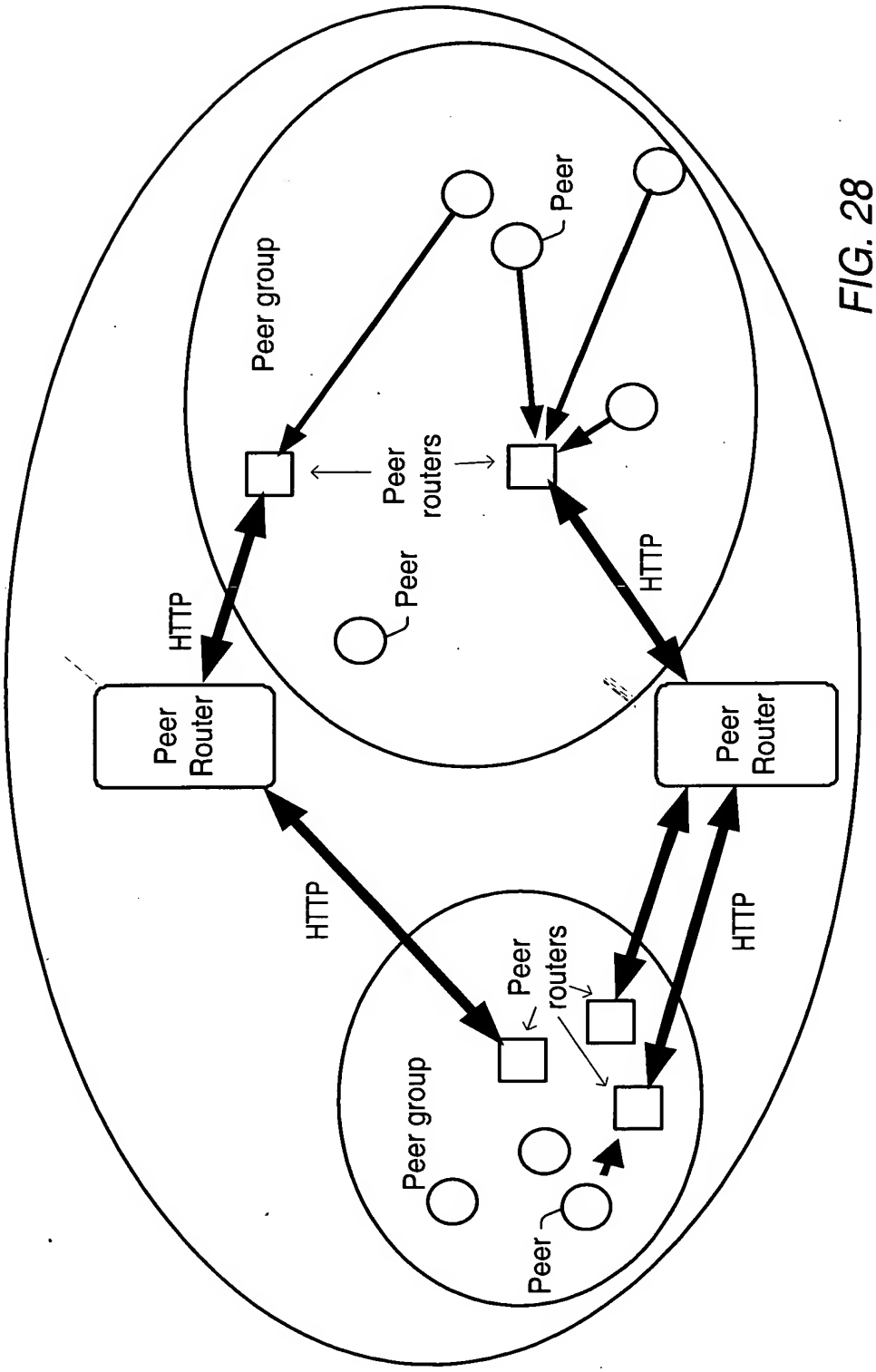

FIG. 28

OIPE JC81
NOV 04 2002
PATENT & TRADEMARK OFFICE

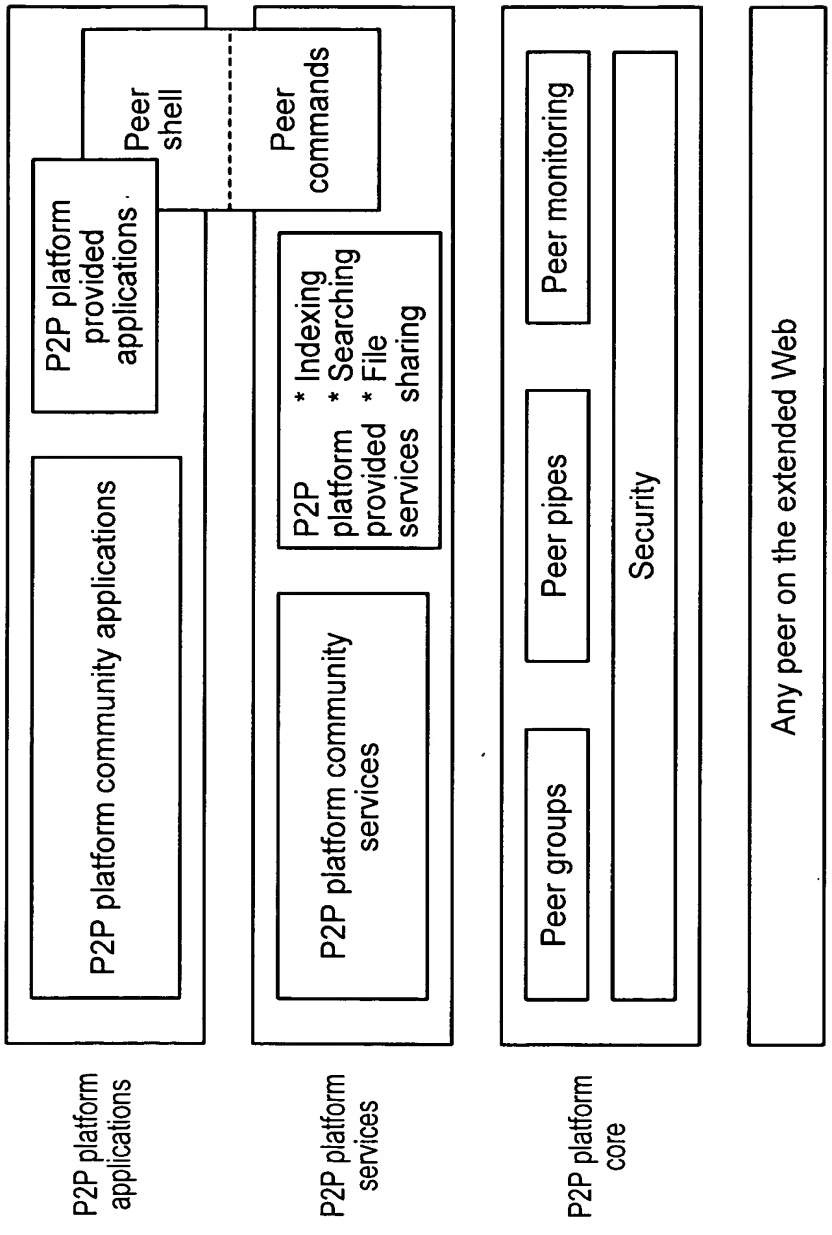

FIG. 29

NOV 04 2002
PATENT & TRADEMARK OFFICE

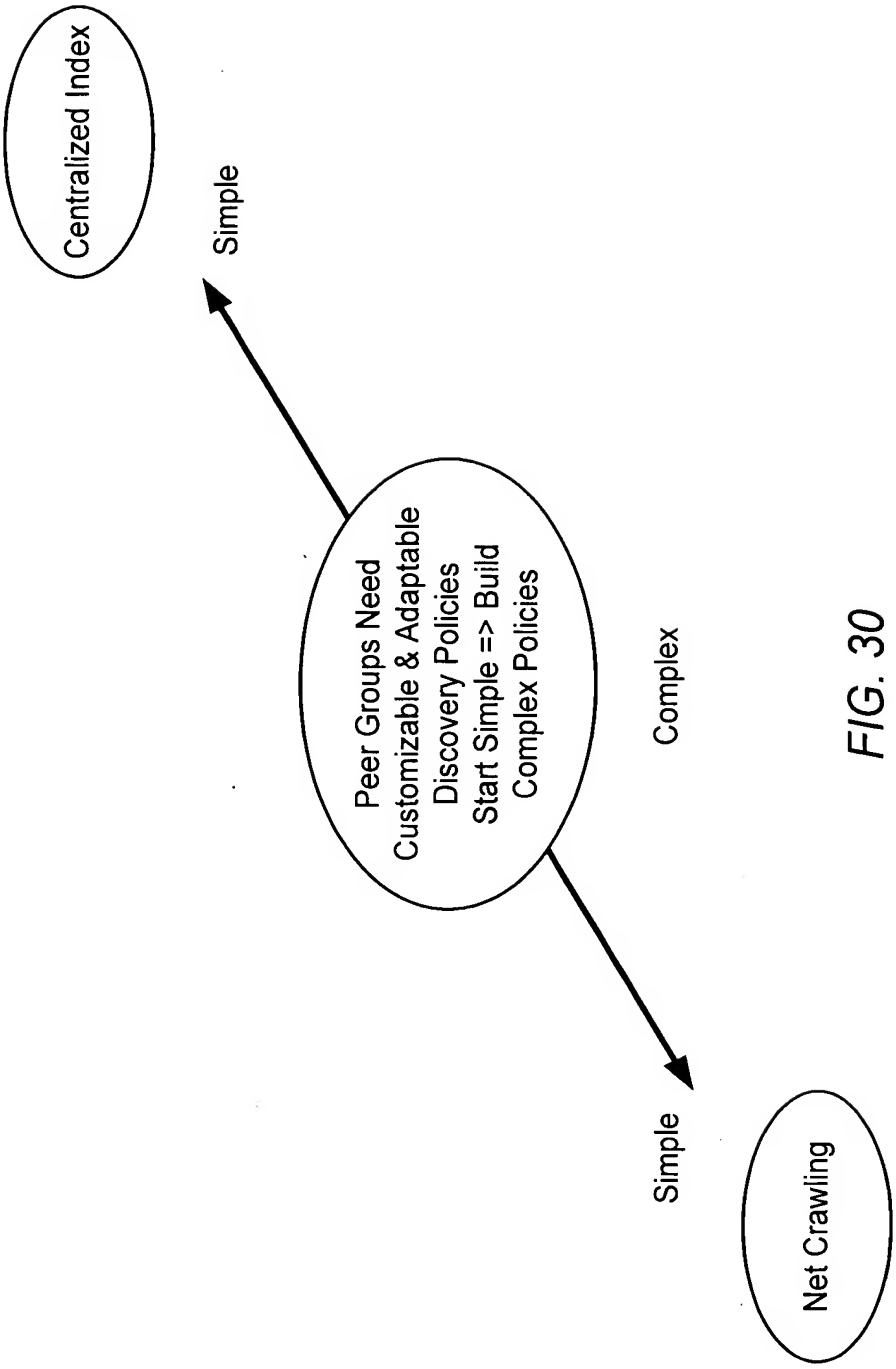

FIG. 30

NOV 0 4 2002
PATENT & TRADEMARK OFFICE

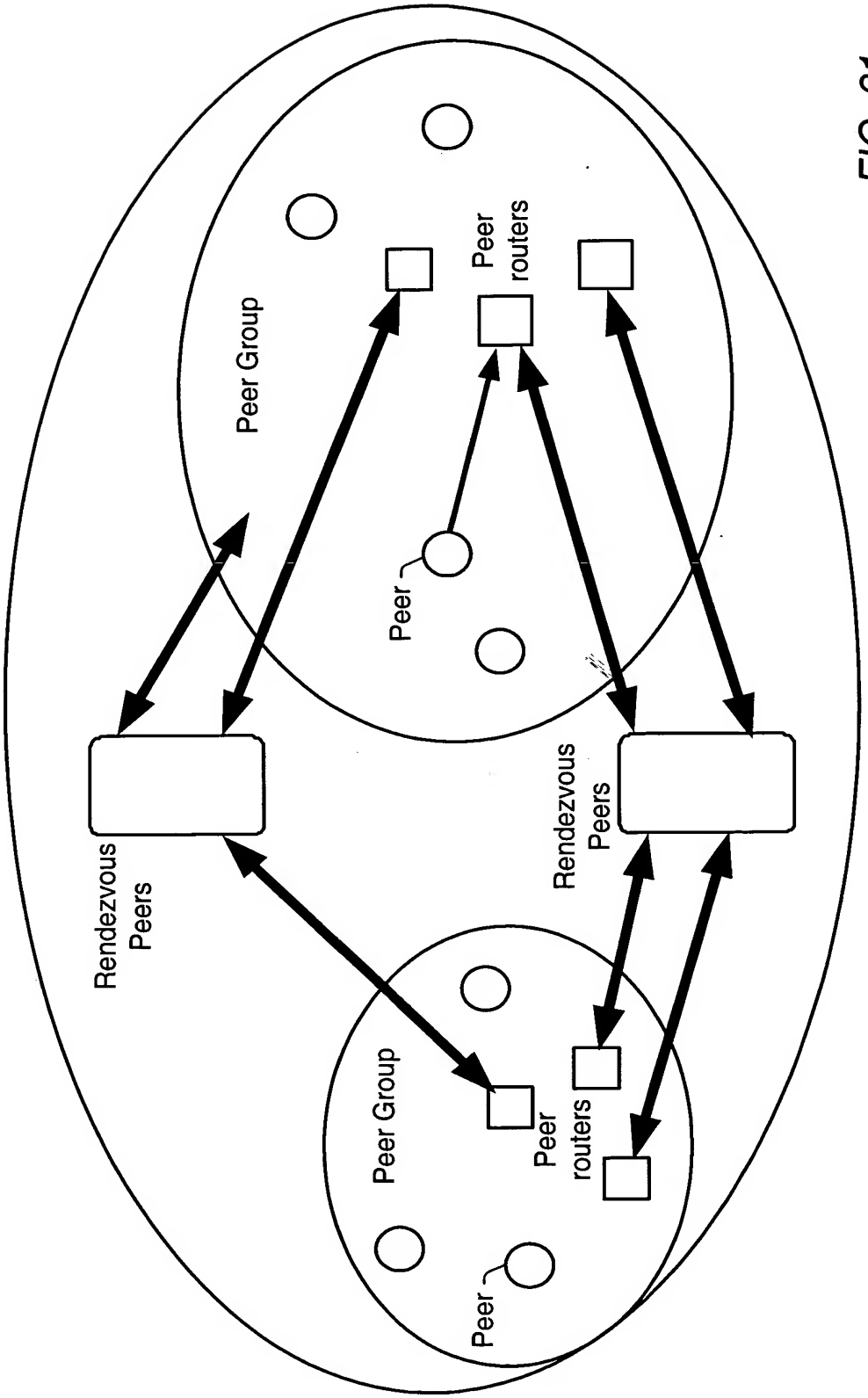

FIG. 31

OIPE JC81
NOV 0 4 2002
PATENT & TRADEMARK OFFICE

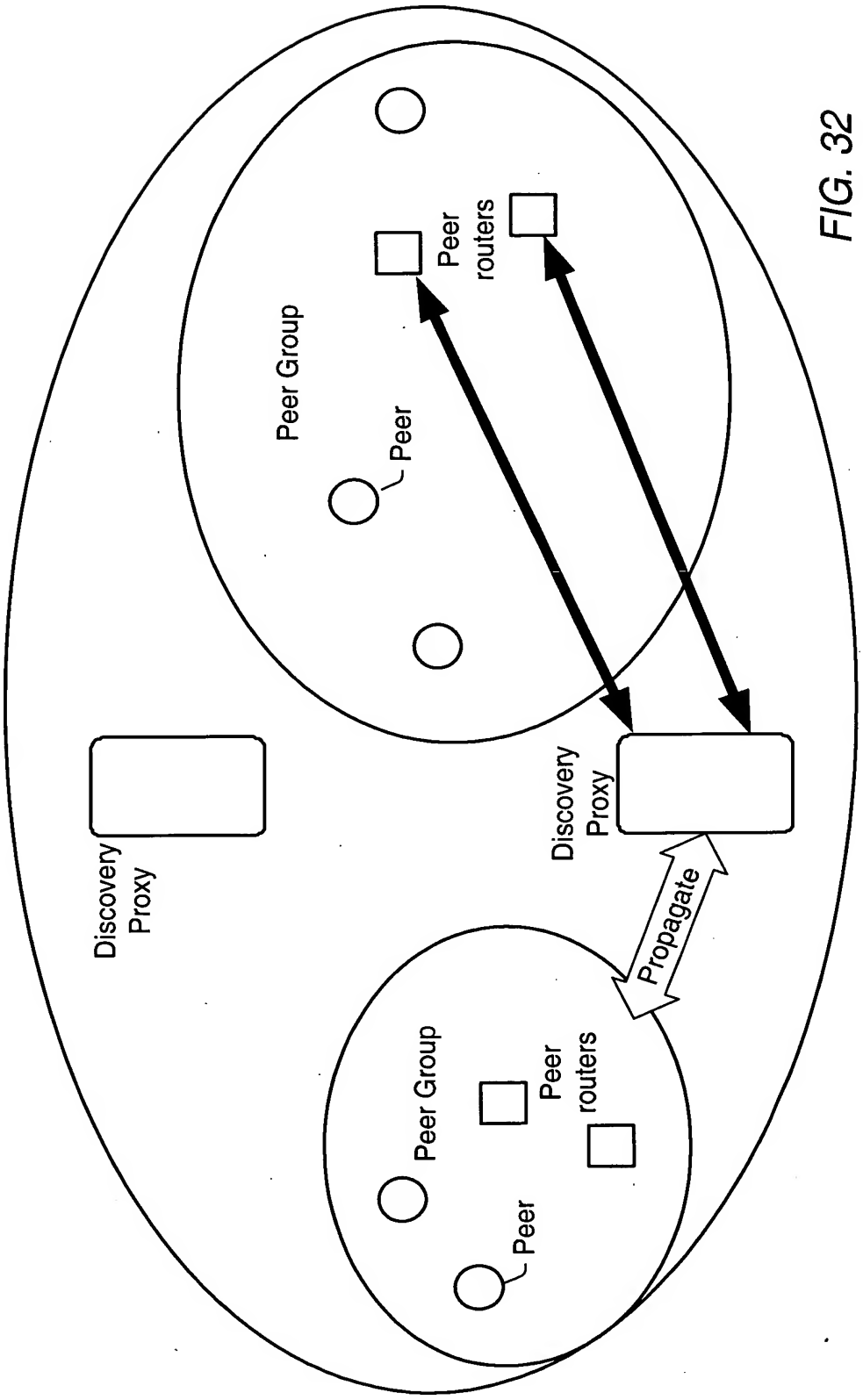

FIG. 32